

ABSTRACT

A heating device is capable of efficiently heat a heated
body as heating object. The heating device includes a heating
body, a power source for supplying a current to the heating
5 body, a current control element controlling current flowing
through the heating body, and a heat conductive body to be
thermally coupled with the heating body and the current control
element for transmitting heat generated by the heating body
and heat generated by the current control element to a heating
10 object.